

EPA REGION III
REC NEWSLETTER
OCTOBER 2003

COMMANDER, NAVY REGION, MID ATLANTIC



*Working
for
Tomorrow's
Environment
Today*



The background of the central text area is a faint map of the Mid-Atlantic region, showing the outlines of Virginia, North Carolina, South Carolina, and parts of Maryland, Delaware, and Pennsylvania. The text "EPA REGION III" is faintly visible in the background.

We have made every effort to ensure that the information provided is accurate and that all significant Legislative, Regulatory, Federal, EPA, news and information have been included in the REC update. If you have an important issue or information that you would like to be included in our monthly update, or believe that information we have provided is incorrect, please contact us at (757) 445-9982 or via E-mail: DODRECREGION3@cmr.navy.mil.

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LINK HELP

SECURE SITES – Links beginning with https:// may give a security error. To get around this problem copy the link and paste it in your browser.

DENIX - Many of our links are to DENIX. To subscribe to DENIX, go to: <https://www.denix.osd.mil/denix/register.html> and register. It's a good thing.

If you find a dead link and you really want the information, please contact us at DODRECREGION3@cmr.navy.mil and we will find the link for you. [Table of Contents](#)

If you or your organization would like to submit an article, story, or picture for future newsletters, please send them to [Gene Beale](#). Thanks.

SPOTLIGHT ON

EPA/DOD/State Region III Environmental Colloquium



RADM Stephen Turcotte

Photo by Adriane Miller



Keynote Speakers: l-r John Howard and John Coho

By Gene Beale

Commander, Navy Region Mid-Atlantic co-hosted the sixth EPA/State/DoD Region III Environmental Colloquium 9-11 September in Williamsburg, VA. The theme of this colloquium was *Integrating Resources for Environmental Excellence*. Approximately 350 people participated in the workshops, plenary and breakout sessions. The sessions focused on utilizing interdisciplinary skills and tools to develop integrated environmental management solutions to meet the environmental and security challenges we face today. The presentations provided an opportunity to learn from "real-life" experiences and communicate future regulatory trends.

Attendees included members from Department of Defense installations throughout region III (including Army Corps of Engineers and Defense Logistics Agency), federal and state regulators, National Guard, Coast Guard, US Department of Agriculture, NASA, Delaware Department of Transportation, National Park Service, US Government Printing Office, National Association of Attorney Generals and private consultants.

Michael Murphy, Virginia Department of Environmental Quality Director of Environmental Enhancement, gave the opening remarks. He spoke of legislative issues the Commonwealth is facing in the coming year, one of the most important being water supply planning. He also mentioned his department's budget is significantly lower compared to previous years and one way to correct it may be to increase permit fees.

The Regional Environmental Coordinator for Region III, Rear Admiral Stephen Turcotte, followed with a warm welcome to all attendees. He spoke of how in recent years the Department of Defense has developed many beneficial partnerships with a common vision focused on integrating good environmental stewardship, limited resources and day-to-day military operations to achieve Environmental Excellence. He stressed that in order to sustain the nation's status, the military must preserve its natural resources and protect the environment. In his speech, Rear Admiral Turcotte said, "As the DoD Executive Lead agent for the region, my focus is to find avenues by which we can minimize the impact of our operations on the environment, and to seek opportunities to protect and restore living resources and vital habitat on our installations." He continued with, "The Department of Defense recognizes how important it is to have a strong partnership with EPA and the States. We must provide the incentives and opportunities to go beyond compliance to achieve environmental excellence."

In remembrance of the events of 9/11 and the military's current deployment to Iraq, Rear Admiral Turcotte introduced a short, moving film emphasizing the military's readiness to recent terrorist attacks and threats. It gave a glimpse of the preparations the military require to preserve our freedom and vanquish the enemies who threaten it. The film contained brief interviews with commanding officers and soldiers, deployed to carry out this

mission, and conveyed the sentiments and emotions of our armed forces and their dedication to that mission.

The Keynote speakers were Mr. John Howard, the Federal Environmental Executive and Mr. John Coho from the Deputy Undersecretary of Defense (Installations & Environment) office.

Two discussion panels followed the keynote speakers: one on Environmental Protection and the other on Flexible Environmental Programs. The first day wrapped up with concurrent sessions in the afternoon focused on Water, Environmental Management Systems, Remediation, and Waste Management.

Day two began with concurrent sessions on Pollution Prevention, Air Quality, Natural Resource/Chesapeake Bay, and Range Management and Encroachment. The luncheon speaker was Mr. David Kling, Director of the EPA Federal Facilities Enforcement Office. His presentation focused on not only enforcement and compliance, but also touched on the fact his office

provides compliance assistance to prevent violations. Afternoon events were composed of panels of state and federal representatives discussing future initiatives, state partnerships throughout the region, and watershed management.

The colloquium concluded with five workshops on day three: Wetlands Delineation, National Environmental Policy Act, Stormwater Phase II, On Line Targeting and Information System, and Noise Management. The Wetlands Delineation workshop included a field trip to Naval Weapons Station Yorktown for practical applications of techniques discussed in the morning lectures. The workshops provided the framework for a detailed discussion of selected topics.

The colloquium offered excellent opportunities to network with other environmental professionals. The next colloquium is planned for mid-year 2005.

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GENERAL INTEREST

Guidebook For Golf Courses

The Green Book-Environmental Guidebook for Military Golf Courses is available. It covers Environmental Improvements to golf courses, Stewardship, Developing Environmental Plans, Environmental Certification and Coordination, and other issues. The guidebook is available at:

<http://www.denix.osd.mil/denix/DOD/Library/NCR/Documents/greenbook.html> [Table of Contents](#)

Chemical Vulnerability Assessment Guidance

The Chemical Industry Data Exchange (CIDX) released Cybersecurity Vulnerability Assessment Methodology Guidance, a 50-page "toolkit" for chief information officers, information-technology security professionals, and risk assessment professionals in the global chemical industry. The toolkit will help company officials evaluate vulnerability assessment methodologies to find one that provides the best fit for their firm. The toolkit is available at <http://www.CIDX.org>. More information is available at: <https://www.denix.osd.mil/denix/DOD/News/Pubs/DER/18/Sep03/29.doc.html>

FUDS Web Site Open To Public

The Army Corps of Engineer's web site for tracking the cleanup of formerly used defense sites (FUDS) is now open to the public, following revisions and Pentagon security reviews in the wake of the 11 Sep 01 terrorist attacks. The public geographic information system includes basic information about the more than 1,500 FUDS where cleanup is occurring, including property name, location, past use by DoD, a property description and an estimated cost for completing the work. The site also lists whether a restoration advisory board is active at the site and provides an Army Corps district-office phone number where the public can obtain more information. The web site is located at <http://m1.crrel.usace.army.mil/fuds/>. More information is available at:

<https://www.denix.osd.mil/denix/DOD/News/Pubs/DEA/07/Oct03/18.doc.html> [Table of Contents](#)

Government Group Urges DoD To Consider BRAC Lessons

A local government association is urging the Defense Department to focus on improving the use of land-use controls and alternative cleanup financing, as well as better integrating base redevelopment and remediation actions, in anticipation of the 2005 round of BRAC closures. The recommendations are based on lessons learned from over 70 practitioners involved in the four previous BRAC rounds. In a new report it will present to the Pentagon, the International City/County Management Association (ICMA) has identified three interrelated cleanup challenges that, if considered during planning for the next BRAC

round, could streamline DoD cleanups and property transfers to the private sector. The complete article is available at:

<https://www.denix.osd.mil/denix/DOD/News/Pubs/DEA/23/Sep03/01.doc.html> [Table of Contents](#)

Four 'Ghost Ships' Sent to England

A federal court ruled 2 Oct that the U.S. Maritime Administration (MARAD) may begin to tow four of 13 former naval supply ships from Virginia to Great Britain for dismantling and recycling. The U.S. District Court for the District of Columbia granted and partially denied a request for a temporary restraining order brought by the Basel Action Network and the Sierra Club because the ships allegedly contain hazardous materials. Two ships began the voyage 6 Oct to the U.K. with two more leaving later that week. The decision puts on hold the issue of whether to grant a preliminary injunction against exporting the remaining nine vessels until a hearing scheduled for 20 Oct. Before sending any additional National Defense Reserve Fleet vessels through U.S. waters, MARAD must perform, at a minimum, a supplemental environmental assessment specific to those ships. The complete article is available at: <https://www.denix.osd.mil/denix/DOD/News/Pubs/DER/06/Oct03/19.doc.html> [Table of Contents](#)



Ghost Fleet ships moored in the James River



Proposed route of ships from US to UK

California Bars Implementation Of Weakened NSR Rule

Governor Gray Davis signed a closely watched environmental bill 22 Sep barring local air districts from implementing recent revisions to the federal Clean Air Act's new source review (NSR) program and the other repealing

the agricultural industry's long-held exemption to the air act's requirement for operating permits. S.B. 288 codifies into state law the NSR provisions as they existed before the December changes in the federal law. California and 13 other states claim the changes have weakened the program.

The bill, named the "Protect California Air Act of 2003," sets the minimum standards for NSR rules in all 35 of the state's air districts. More information is available at: <https://www.denix.osd.mil/denix/DOD/News/Pubs/DER/24-Sep03/34.doc.html> [Table of Contents](#)

TRUE CRIME STORIES

Arizona Firm To Spend \$11 Million To Control Discharges

Phelps Dodge Corp. has agreed to pay \$220,000 in civil penalties and spend \$11 million on pollution control measures to settle alleged violations of the Clean Water Act. The case centered on discharges of contaminated water containing copper, cadmium, zinc, and other pollutants from an inactive mine in Jerome, AZ. The discharges flowed into a creek, even though Phelps Dodge never had a Clean Water Act permit to release such discharges. More information is available at:

<https://www.denix.osd.mil/denix/DOD/News/Pubs/DER/18-Sep03/24.doc.html> [Table of Contents](#)

Ship Engineer Pleads Guilty To Dumping Waste Oil¹

A ship engineer has pleaded guilty to obstructing the U.S. Coast Guard's investigation of intentional dumping of waste oil into the ocean. According to the plea agreement, Vincent Genovana, an engineer on the marine vessel M/S Hoegh Minerva, instructed other crewmembers to construct a "magic pipe" that was used to bypass certain pollution prevention equipment and discharge oily waste directly into the ocean. Genovana then took several steps to conceal evidence of this bypass activity when U.S. Coast Guard inspectors came aboard 11 Sep at the Port of Vancouver, Wash. Genovana's sentencing is scheduled for 9 Jan 04 in the U.S. District Court for the Western District of Washington.

Boston Power Plant To Pay \$210,000 Fine

The owners and operators of a Boston power plant agreed 8 Sep to pay \$210,000 to settle allegations that they violated state monitoring and reporting provisions designed to control air pollution. The settlement charges Trigen-Boston Energy Corp. with submitting invalid and incomplete information about nitrogen-oxide (NOx) emissions to the state as required under the state's NOx budget program. Under that program, certain power plants are required to monitor and report NOx emissions to EPA. More information is available at:

<https://www.denix.osd.mil/denix/DOD/News/Pubs/DER/09-Sep03/23.doc.html> [Table of Contents](#)

Houston Man Sentenced to Prison for Illegal Asbestos Removal

A federal judge has sentenced a Houston businessman to 21 months in prison and fined him \$20,000 for violating provisions of the Clean Air Act by illegally removing asbestos from an abandoned hospital building. Judge Justin L. Quackenbush sentenced Eric Kung-Shou Ho on 27 Aug for failing to notify the Texas Department of Health of his plan to remove more than 40,000 square feet of asbestos-containing fireproofing material between Dec 97 and Mar 98. Ho paid 10 undocumented immigrants to remove the asbestos using only putty knives and paper respirator masks. More information is available at:

<https://www.denix.osd.mil/denix/DOD/News/Pubs/DER/05-Sep03/17.doc.html> [Table of Contents](#)

FEDERAL NEWS

ALTERNATIVE FUELS

Clean Cities Coalitions

The Clean Cities program is a voluntary public/private initiative sponsored by the US Department of Energy to reduce the nation's dependence on foreign oil – it was created after the 1991 Gulf War and supports the use of clean domestic fuels for transportation – natural gas, ethanol, propane, electricity, biodiesel, and in the future, hydrogen. There are about eighty Coalitions in the U.S. today, seven in Region 3.

Individuals and organizations interested in alternative fuels are invited to participate in all Clean Cities coalition activities, which include stakeholder meetings, training sessions, technical events, fleet manager workshops, public outreach, and media campaigns. The most up-to-date information on funding opportunities & incentives, legislation & regulations, AFV technologies and availability, infrastructure development, safety, and national & local successes are covered at local Clean Cities

stakeholder meetings. For more information on your local Clean Cities Coalition, go to www.ccities.doe.gov.

The Hampton Roads Clean Cities Coalition is helping prepare the area for the onset and evolution of the Hydrogen Economy. Its main projects today involve advocating natural gas use and biodiesel use in the region's

transit and school bus fleets; developing proposals for ethanol and natural gas refueling infrastructure for light duty vehicles; and providing information to the region's fleet managers and other interested parties about American Fuel options. For more information on Hampton Roads Clean Cities, see www.hrccc.org [Table of Contents](#)

CAA

Surface Coating Of Plastic Parts And Products NESHAP Postedⁱⁱ

In advance of publication, EPA has posted the final national emission standard for hazardous air pollutants (NESHAP) for plastic parts and products surface coating operations. The rule applies only to major sources of hazardous air pollutants (HAP). The final rule contains four subcategories: 1) general use coating, 2) thermoplastic olefin (TPO) coating, 3) automotive lamp coating, and 4) assembled on-road vehicle coating. More information is available at:

http://www.epa.gov/ttn/oarpg/t3/fr_notices/pppsc_fr.pdf

Stationary Combustion Turbines NESHAP Postedⁱⁱⁱ

In advance of publication, EPA has posted the final National Emission Standard for Hazardous Air Pollutants (NESHAP) for Stationary Combustion Turbines. In the final standard, EPA has divided the stationary combustion turbine category into eight subcategories. More information is available at:

http://www.epa.gov/ttn/oarpg/t3/fr_notices/sct_fr2.pdf

Organic Liquids Distribution (Non-Gasoline) NESHAP Posted^{iv}

In advance of publication, EPA has posted the final national emission standard for hazardous air pollutants (NESHAP) for Organic Liquids Distribution (Non-Gasoline). The rule applies to new and existing operations that are carried out at storage terminals, refineries, crude oil pipeline stations, and various manufacturing facilities that are a major source of HAP emissions. More information is available at:

http://www.epa.gov/ttn/oarpg/t3/fr_notices/oldng_fr2.pdf

Surface Coating Of Miscellaneous Metal Parts And Products NESHAP Posted^v

In advance of publication, EPA has posted the final National Emission Standard for Hazardous Air Pollutants (NESHAP) for Surface Coating of Miscellaneous Metal Parts and Products located at major sources of hazardous air pollutants. The final rule contains five affected source subcategories. Existing affected sources will have 3 years to comply with the final rule and new and reconstructed sources must be in compliance upon initial startup of the affected source. More information is available at:

http://www.epa.gov/ttn/oarpg/t3/fr_notices/mmppsc_fr.pdf

Site Remediation NESHAP Posted^{vi}

In advance of publication, EPA has posted the final national emission standard for hazardous air pollutants (NESHAP) for Site Remediation. The final rule applies to certain types of site remediation activities that are conducted at a facility where non-remediation sources are a major source of HAP emissions. **Site remediation projects already regulated by rules established under the Comprehensive Environmental Response and Compensation Liability Act (CERCLA) or the Resource Conservation and Recovery Act (RCRA) are not subject to the final rule.** More information is available at:

http://www.epa.gov/ttn/oarpg/t3/fr_notices/sr_fr.pdf
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Northeast States Launch Effort' To Create Regional CO₂ Program

The most ambitious effort to control carbon dioxide (CO₂) emissions from stationary sources is under way in the Northeast, where 10 states have agreed to pursue a regional trading program for emissions from electric power plants. The program would involve trading of emissions credits among power plants burning fossil fuels--coal, fuel oil, and natural gas. The 10 states involved in the program are Connecticut, Delaware, Maine, Massachusetts, New Hampshire, New Jersey, New York, Pennsylvania, Rhode Island, and Vermont. New York Governor George E. Pataki, who proposed the initiative in late July, is spearheading the regional trading program. Maryland declined an invitation to the program but is not completely opposed to the effort. The complete article is available at:

<https://www.denix.osd.mil/denix/DOD/News/Pubs/DER/26-Sep03/34.doc.html> [Table of Contents](#)

EPA Corrects Date In Ozone-Depletion Rule^{vii}

The Environmental Protection Agency published a notice 18 Sep 03 correcting the effective date for portions of a rule governing recycling of ozone-depleting refrigerants such as chlorofluorocarbons (68 Fed. Reg. 54,677). According to the notice, the provisions regarding the certification of refrigerant-recycling equipment are effective 22 Oct 03, rather than 22 Sep 03 as originally published. The effective date for the rest of the rule is 22 Sep 03 as published. The 18 Sep 03 notice included several edits to appendices to 40 C.F.R., Part 82, Subpart F, relating to standard contaminant refrigerant samples and to standards for technician-certifying programs. These edits were discussed in the

preamble to the 24 Jul 03 rule but omitted from the published rule.

Diesel Trucks Could Cut Emissions And Improve Fuel Economy

Greater use of light-duty diesel trucks, which now account for barely a fraction of the U.S. vehicle market, could provide advantages over gasoline-powered vehicles, such as reduced emissions, according to a report by the American Council for an Energy-Efficient Economy (ACEEE). An energy advantage and better fuel economy provided by diesel vehicles mean small but still highly significant, reductions in full fuel-cycle greenhouse gas emissions and

petroleum consumption relative to gasoline vehicles. ACEEE acknowledged the small interest in diesel vehicles today is in "large part a legacy of the 1970s and 1980s, when light-duty diesels appeared in substantial numbers and were plagued by poor performance, unreliability, noxious exhaust, and high noise levels." However, since "manufacturers have come a long way in addressing these shortcomings in recent years," the report investigates the prospects for re-growth of diesel's share in the U.S. light-duty market. More information is available at: <https://www.denix.osd.mil/denix/DOD/News/Pubs/DER/23Sep03/17.doc.html> [Table of Contents](#)

CERCLA

Legislature Trying To Save DoD Cleanup Oversight Jobs

The California legislature has approved a bill that would insulate state regulatory staff that oversee federal facility cleanups from governor-ordered hiring freezes and proposed cutbacks. The California State Assembly passed a revised version of the bill 11 Sep on a 76-3 vote. The state Senate approved it 26-9 on 4 Sep. The bill, AB 1700, exempts federally funded environmental positions from the hiring freezes mandated by Governor Gray Davis in Jul 03, and a proposed 10 percent cut across the board in personnel services. Specifically, it preserves positions within the Department of Toxic Substances Control and State Water Resources Control Board, provided they receive full federal funding or receive monies from other sources, such as from responsible liable parties. Prospects are favorable for passage by Governor Davis. More information is available at:

<https://www.denix.osd.mil/denix/DOD/News/Pubs/DEA/23Sep03/15.doc.html> [Table of Contents](#)

Superfund Panel Eyes Replacing Site Closure Metric With Risk Focus

Several members of a Superfund program reform panel are urging the agency to shift its focus to human health risk reduction as the primary measure of program success instead of cleanup completion. On 4 Sep 03, members of the National Advisory Council for Environmental Policy & Technology Superfund subcommittee advocated against tallying the number of sites where cleanup has been

completed, known as construction completion (CC), as the main measure of Superfund success. According to industry, environmental and state representatives, the CC measure results in inefficient use of EPA resources to finish cleaning up less contaminated portions of a site that are near completion instead of directing resources towards hot spots or high risk areas at ongoing cleanups. More information is available at:

<https://www.denix.osd.mil/denix/DOD/News/Pubs/DEA/23Sep03/20.doc.html> [Table of Contents](#)

EPA To Exempt Federal Waste Sites From Air Toxic Rules

Industry officials were handed a major victory in EPA's recent decision to exclude Superfund and Resource Conservation and Recovery Act (RCRA) sites from a new Clean Air Act rule establishing emission standards for hazardous air pollutants (HAPs) released during site remediation. In a 21 Aug final rule, EPA established emission standards for toxic air pollutants that result from remediation technologies used to clean up contaminated soil, groundwater and surface water, along with stored or disposed-of wastes. Under the rule, cleanups are required to control air toxics by meeting both emission limitations and work-practice standards and by applying maximum achievable control technology (MACT). More information is available at:

<https://www.denix.osd.mil/denix/DOD/News/Pubs/CAR/11Sep03/21.doc.html> [Table of Contents](#)

HAZMAT

Requirements For Cargo Tanks Issued^{viii}

On 18 Apr 03, the Research and Special Programs Administration (RSPA) published a final rule to update and clarify requirements in the Hazardous Materials Regulations applicable to construction and maintenance of

cargo tank motor vehicles. More information is available at:

<http://a257.g.akamaitech.net/7/257/2422/14mar20010800/e.docket.access.gpo.gov/2003/pdf/03-22212.pdf>

NATURAL RESOURCES

Changes Proposed To Conservation Practices Handbook^{ix}

Natural Resources Conservation Service (NRCS) intends to issue a series of new or revised conservation practice standards in its National Handbook of Conservation Practices. These practices may be used in resource management systems that treat highly erodible land, or on land determined to be wetland. Comments are due by 19 Oct 03. The standards are online at:

http://www.ftw.nrcs.usda.gov/practice_stds.html. More information is available at:

<http://a257.g.akamaitech.net/7/257/2422/14mar20010800/e.docket.access.gpo.gov/2003/pdf/03-23576.pdf>

FWS Proposes ESA Permitting Revisions^x

The Fish and Wildlife Service proposes to revise regulations pertaining to enhancement permits issued under the Endangered Species Act for activities that directly aid in the recovery of endangered and threatened species. In addition to two permit categories that apply only to non-federal lands, the proposed revisions discuss a generic category of enhancement of propagation or survival permits. The permits could cover activities such as habitat creation, restoration, or enhancement, species re-introduction or similar activities. More information is available at:

<http://a257.g.akamaitech.net/7/257/2422/14mar20010800/e.docket.access.gpo.gov/2003/pdf/03-22777.pdf>

Wetlands With Link Are Within Corps' Jurisdiction

The U.S. Army Corps of Engineers has jurisdiction under the Clean Water Act to bring a civil enforcement action against developers who drained wetlands that had a natural connection to navigable waters, a federal appeals court ruled 10 Sep 03. In Jun 01, developers Newdunn Associates, Orion Associates, and Northwest Contractors began ditching and wetland drainage operations on 43 acres of property near Newport News, Virginia. 38 of the acres

Virginia law. Text of the appellate court's decision is available at:

<http://pacer.ca4.uscourts.gov/opinion.pdf/021480.P.pdf>.

More information is available at:

<https://www.denix.osd.mil/denix/DOD/News/Pubs/DER/15Sep03/13.doc.html> [Table of Contents](#)

Narrow Definition Of Isolated Waters Needed

A broad interpretation of the definition of isolated waters not subject to federal controls could threaten more than one million acres of wetlands in five Mid-Atlantic States, according to comments from the EPA. Isolated waters should be defined narrowly to cover only systems that are "entirely self-contained and have no hydrological (surface or groundwater) connection to other waters", according to EPA Region III. A broad interpretation could adversely affect 1.3 million acres or about 36 percent of the wetlands in the region. Even under a narrow interpretation of isolated waters, 438,000 acres of wetlands in the Mid-Atlantic States within Region III's jurisdiction would be affected. More information is available at:

<https://www.denix.osd.mil/denix/DOD/News/Pubs/DER/08Sep03/27.doc.html> [Table of Contents](#)

Lack Of Requirement Major Drawback In Current Law^{xi}

The lack of any legal requirement to control the spread of invasive species is seen by state authorities as a major drawback in efforts to combat a problem that threatens native plants and animals and costs billions of dollars every year, the General Accounting Office said 8 Sep. State officials complained that if there is no federal requirement, there is often little money available to combat a species and that such a requirement would raise the priority for dealing with that species. A copy of GAO's report is available at <http://www.gao.gov/new.items/d031089r.pdf>

NEPA

Protection Of Historic Properties^{xii}

The Advisory Council on Historic Preservation (ACHP) has proposed changes to the regulations in 36 CFR 800 that address the requirements for Federal agencies take into account the effects of their undertakings on historic properties. Most of the proposed amendments respond to recent court decisions. Comments are due by 27 Oct 03. More information is available at:

<http://a257.g.akamaitech.net/7/257/2422/14mar20010800/e.docket.access.gpo.gov/2003/pdf/03-24202.pdf>.

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Permanent Sonar Injunction Being Negotiated

The Navy and environmentalists are negotiating the terms of a permanent injunction issued by a federal district court in California late in Aug 03 that limits the Navy's ability to train extensively throughout the oceans with low frequency active (LFA) sonar, which can travel more than 300 miles away underwater. The court found the Navy and its regulator, the National Marine Fisheries Service (NMFS), violated aspects of the Marine Mammal Protection Act, Endangered Species Act and National Environmental Policy Act when NMFS approved use of LFA in as much as 75 percent of the world's oceans and when the Navy issued

its environmental impact analysis of the sonar system. More information is available at:

<https://www.denix.osd.mil/denix/DOD/News/Pubs/DEA/09Sep03/01.doc.html> [Table of Contents](#)

Decision Announced For Homebasing Of F/A-18 E/F Aircraft^{xiii}

The Navy announced its decision to homebase 8 Super Hornet fleet squadrons (96 aircraft) and the Fleet Replacement Squadron (24 aircraft) at Naval Air Station (NAS) Oceana, Virginia, and 2 fleet squadrons (24 aircraft) at Marine Corps Air Station (MCAS) Cherry Point, North Carolina, and to construct an outlying landing field (OLF) in Washington County, North Carolina. An OLF located in Washington County will be in an area of low population density with compatible surrounding land uses, minimal environmental impacts, and centrally located between

MCAS Cherry Point and NAS Oceana. More information is available at:

<http://a257.g.akamaitech.net/7/257/2422/14mar20010800/e.docket.access.gpo.gov/2003/pdf/03-22938.pdf>



FA-18 Super Hornet in flight

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RCRA

EPA Releases Guide On RCRA Corrective Action

Guidance on using "results-based" approaches to Resource Conservation and Recovery Act (RCRA) corrective action cleanups is available. The guide, **Results-Based Approaches and Tailored Oversight Guidance**, is designed to assist states, tribes, and other interested parties in understanding the agency's general results-based strategy for facilities subject to RCRA corrective action. Results-based approaches focus on outcomes, or results, in cleaning up hazardous releases and strive to tailor process requirements to the needs of the specific corrective action, according to the guidance. The agency expects that increased use of results-based approaches will help EPA achieve its short-term goals for the RCRA corrective action

program established under the Government Performance and Results Act. The document is available at

<http://www.epa.gov/epaoswer/hazwaste/ca/index.htm>.

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SPSA Granted Hazardous Waste Exclusion for Ash

The Environmental Protection Agency is granting a petition submitted by the Southeastern Public Service Authority and Onyx Environmental Services to exclude, on a one-time basis, a combustion ash from the lists of hazardous wastes. The complete document is available at:

<http://www.epa.gov/fedreg/EPA-WASTE/2003/September/Day-11/f23161.htm>

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TANKS

PA UST Program Approved

The Commonwealth of Pennsylvania has applied for final approval of its underground storage tank (UST) program under Subtitle I of the Resource Conservation and Recovery Act. The Environmental Protection Agency has reviewed Pennsylvania's application and has made a determination that the Commonwealth's UST program satisfies all of the

requirements necessary to qualify for final approval. Final approval of Pennsylvania's UST program became effective on 11 Sep 03. The complete document is available at:

<http://www.epa.gov/fedreg/EPA-ASTE/2003/September/Day-11/f23161.htm>

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WATER

Guide Available To Reduce Agricultural Runoff^{xiv}

EPA has issued a guide entitled "National Management Measures to Control Nonpoint Source Pollution from Agriculture." The document is intended as technical guidance and a reference document for use by state and local officials responsible for implementation of nonpoint source pollution management programs. The guide

contains information on the best available, economically achievable means of reducing pollution of surface and ground water from agriculture. The guide is available at:

<http://www.epa.gov/owow/nps/agmm/index.html>

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Comment Period Extended On Drinking Water Rules^{xv}

The Environmental Protection Agency has extended the comment period by 60 days for proposed rules to control microbial pathogens and disinfection byproducts in drinking water. The extension will strike an appropriate balance between providing stakeholders with additional time for their review and limiting the delay in finalizing the regulations. Comments on the proposed Long-Term 2 Enhanced Surface Water Treatment Rule had been due on 10 Nov 03. Comments on the Stage 2 Disinfection Byproducts Rule had been due 17 Nov 03. The extension, which will carry the comment deadline into Jan 04, was in response to a request by AWWA and other utility groups for an additional 90 days--for a total six-month comment period-- because of the rules' length and complexity. If you have comments or concerns, contact [Will Bullard](mailto:Will.Bullard@epa.gov) by 15 Dec 03 by email or call (757) 444-5153. More information is available at:

<https://www.denix.osd.mil/denix/DOD/News/Pubs/DER/18Sep03/28.doc.html> [Table of Contents](#)

California Governor Signs Measures On Perchlorate

On 29 Sep 03, Governor Gray Davis signed a bill to give state and regional regulators new tools to tackle perchlorate pollution, a chemical used in rocket fuel and munitions. Perchlorate has contaminated more than 300 drinking water wells statewide. Under the bill, facilities that store perchlorate, or did so in the past, must file reports with the California Water Resources Control Board. The records must indicate the level of perchlorate stored at the facility and the storage location. The measure also grants regional water boards the authority to order facility owners to replace drinking water supplies contaminated by perchlorate. Another bill Davis signed, called the Perchlorate Contamination Prevention Act, establishes a statewide database connecting the California Environmental Protection Agency's hazardous waste materials with local agency data. The bill requires the Department of Toxic Substances Control to develop by 31 Dec 05, "best management practices" for the handling of perchlorate. More information is available at:

<https://www.denix.osd.mil/denix/DOD/News/Pubs/DER/30Sep03/27.doc.html> [Table of Contents](#)

CWASSC Issues Information Paper On Water Quality Trading

The DoD Clean Water Act Services Steering Committee (CWASSC) Information Paper on Water Quality Trading is available. This paper provides information on the Environmental Protection Agency's Water Quality Trading Policy and similar State and local initiatives in order to assist DoD installations in evaluating the benefits associated with water quality trading. The document is available at:

http://www.denix.osd.mil/denix/DOD/Working/CWASSC/final_trading.doc [Table of Contents](#)

Region Bolsters EPA Push To Maintain Broad Water Act Jurisdiction

EPA Region III has concerns over a possible Bush administration rulemaking to limit the agency's jurisdiction over isolated waterbodies. This is in light of a landmark Supreme Court decision bolstering EPA water chief Tracy Mehan's recent comments to Congress that the agency should maintain broad jurisdiction under the Clean Water Act (CWA). Earlier this year, EPA Region III submitted comments to agency headquarters on the Bush administration's controversial CWA jurisdiction rulemaking plan that warns of significant adverse environmental and public health impacts that may result from scaling back the agency's jurisdiction in key Mid-Atlantic states. Approximately 36 percent of wetlands in Region III may no longer be covered by federal protections, while over 100,000 miles of headwater streams and drinking water supplies serving as many as three million people could lose that protection. More information is available at:

<https://www.denix.osd.mil/denix/DOD/News/Pubs/EPA/12Sep03/18.doc.html> [Table of Contents](#)

Ruling Could Require EPA Approval Of TMDL Schedules

A recent federal appellate ruling could set a precedent requiring a new EPA regulation of how quickly states set aggregate pollution limits for impaired waters. The ruling upheld a controversial 2000 district court ruling requiring total maximum daily loads (TMDLs) for water bodies on the Montana's 1996 list of impaired waters in May 07. However, the appellate decision does permit modifications to the 1996 list, and indicates that regulators may return to court to seek more time if the schedule proves "unworkable." The U. S. Court of Appeals for the 9th Circuit ruled in July that EPA should not have approved the state's 1998 list of waters requiring TMDLs, because the state had not set enough TMDLs for waters failing to meet water quality standards. More information is available at:

<https://www.denix.osd.mil/denix/DOD/News/Pubs/EPA/05Sep03/14.doc.html> [Table of Contents](#)

Amendments Proposed For The CWT Point Source Category^{xvi}

EPA is proposing to amend provisions of the wastewater regulations for the Centralized Waste Treatment Point Source Category. This regulation established effluent limitations guidelines, pretreatment standards and new source performance standards for the centralized waste treatment industry (CWT). EPA is providing a preliminary response and supporting data to CWT facilities petitions for EPA to reconsider the limitations and standards for certain pollutants. More information is available at:

<http://a257.g.akamaitech.net/7/257/2422/14mar20010800/edocket.access.gpo.gov/2003/pdf/03-22930.pdf>

EPA Affirms Ballast Water Exclusion^{xvii}

EPA has denied a petition for rulemaking that sought repeal of a regulation that excludes vessel ballast water discharges (and other discharges incidental to the normal operation of a vessel) from Clean Water Act permit requirements. EPA's response is available at:

http://www.epa.gov/npdes/pubs/ballast_report_petition_response.pdf More information is available at:
<http://a257.g.akamaitech.net/7/257/2422/14mar20010800/edocket.access.gpo.gov/2003/pdf/03-22935.pdf>

Notice Of Availability Of Four TMDLs, Informational Meetings And Public Hearing^{xviii}

EPA is drafting four total maximum daily loads (TMDLs) for polychlorinated biphenyls in Delaware River from Trenton, New Jersey to the head of Delaware Bay. EPA, the Delaware Department of Natural Resources and Environmental Control, the New Jersey Department of Environmental Protection, the Pennsylvania Department of Environmental Protection, and the Delaware River Basin Commission, will hold a public hearing on the proposed TMDLs 16 Oct 03. More information on the hearing is available at: http://www.state.nj.us/drbc/PCB-TMDLmtgs_hearing.htm. The TMDLs will be established in final form by 15 Dec 03. The draft TMDLs along with models are available at:

<http://www.state.nj.us/drbc/TMDL/Sept2003.htm>. If you have comments or concerns, contact [Will Bullard](#) by 14 Oct 03 by email or call (757) 444-5153. More information is available at:
<http://a257.g.akamaitech.net/7/257/2422/14mar20010800/edocket.access.gpo.gov/2003/pdf/03-22162.pdf>

CWASSC Issues DoD Installation Watershed Impact Assessment Protocol

Over the past 10 years, the Clean Water Act (CWA) and Safe Drinking Water Act (SDWA) regulations concerning water quality, effluent standards, and drinking water standards have grown at an exponential rate. This new emphasis on watershed protection and the move by regulators to issue permits by watershed will drive the requirement for DoD installations to evaluate the impacts their activities may have on the quality and quantity of water entering a watershed. Because of this emphasis on compliance and watershed protection, the DoD Clean Water Act Services Steering Committee has developed a [DoD Watershed Impact Assessment Protocol: Installation Assessment and Planning Guidance](#). This Protocol targets DoD installation activities having the potential to contribute pollutants to impaired waterbodies and/or drinking water sources on or near the installation. The objective of the Protocol is to provide DoD installation personnel with a holistic approach to assessing and prioritizing impacts of their activities on a watershed, and, if necessary, provide them with instructions for developing a cost effective management plan to mitigate those impacts. This Protocol emphasizes the use of Low Impact Development projects, partnering opportunities, guidance on project funding and execution, and encourages the integration of existing Geographical Information Systems, Environmental Management Systems, and future site master planning efforts. The end-product can be used by installations as a tool to comply with current and future regulatory requirements, while still achieving their DoD mission activities. A copy of the protocol is available at:

http://www.denix.osd.mil/denix/DOD/Working/CWASSC/Disaction/dod_watershed.pdf [Table of Contents](#)

STATE NEWS



DELAWARE

**Environmental Group Critical of Limits Proposed for Chemicals In River**

An interstate water commission recommended a two-stage approach to limiting discharges of polychlorinated biphenyls (PCBs) into the lower Delaware River. Delaware Riverkeepers, an environmental group, charged that this sidesteps requirements of a 1997 consent agreement. The Delaware River Basin Commission developed the phased total maximum daily load (TMDL) for PCBs at the request of the EPA and the states of Pennsylvania, New Jersey, and Delaware, for the 85-mile stretch of the Delaware River from Trenton, N.J., downstream to the head of the Delaware Bay. The TMDL report is available at:

<http://www.state.nj.us/drbc>. The complete article is available at:

<https://www.denix.osd.mil/denix/DOD/News/Pubs/DER/22Sep03/29.doc.html> [Table of Contents](#)

Volunteers Needed For Reforestation Projects

The Delaware Native Plant Society is seeking volunteers to help with reforestation projects along Cedar Creek in Sussex County and Blackbird Creek in New Castle County in October and November. The first scheduled reforestation day is Thursday, 2 Oct beginning at 10 a.m. Participants will meet at Blackbird State Forest headquarters off Blackbird Forest Road to collect seeds, and then travel to the reforestation site at the Blackbird

Creek National Estuarine Research Reserve for planting. Other proposed reforestation days are Oct. 3, 9, 12, 16, 18, 19, 23, 26 and Nov. 2, 6 and 9. Seed collecting and planting at the Cedar Creek site is planned for Oct. 9-11, Oct. 17-18, Oct. 23-25, Oct. 30 and Nov. 7-8. Anyone

interested in volunteering can contact Keith Clancy at dnps@delawarenativeplants.org or 302 674-5187; or Eric Zuelke at ezuelke@juno.com. Visit the DNPS website, www.delawarenativeplants.org, for additional details.

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MARYLAND



TRI Data Corrected^{ix}

Region 3 and the toxics programs & enforcement branch have collaborated to successfully identify and correct previous years' erroneous entries in the 2001 Toxic Release Inventory (TRI) data. They have identified more than

610,000 lbs. of erroneously reported waste minimization priority chemicals submitted by a Maryland facility. This correction will significantly reduce the 2001 Maryland quantities of total waste-minimization priority chemicals from 799,335 lbs to 187,905 lbs. [Table of Contents](#)



PENNSYLVANIA



Revision To The State's Auto Emissions Inspection Program

The Department of Environmental Protection, in agreement with the Department of Transportation, is proposing changes to the state's emissions testing program in order to bring it into compliance with federal air quality standards. The programs in the agreement will rely heavily on "on-board diagnostic" (OBD) systems present in cars manufactured since 1996. This technology allows a technician to attach a cable to a car's on-board computer and download information that helps diagnose common engine problems that lead to increased pollution. Under this agreement, different regions of the state will see different effects. For information on when and how your county is affected, refer to www.drivecleanpa.state.pa.us.

Wind Energy Guide Is Available

Department of Environmental Protection Secretary Kathleen A. McGinty announced that an informational guide is available to consumers who may be considering installing small wind energy systems at their home or small business. "Small Wind Electric Systems—A Pennsylvania Consumer's Guide" answers basic questions on wind energy generation and can help someone decide if wind energy will work for them. More information is available at:

<http://www.dep.state.pa.us/newsreleases/default.asp?ID=2548>



VIRGINIA



Court Ruling May Boost States' Ability To Tighten Wetlands Rules

A recent federal appeals court ruling providing Virginia broad discretion to regulate wetlands may help a host of

We Have Attained Attainment!

The Environmental Protection Agency (EPA) is approving a request for Pennsylvania to redesignate the Liberty Borough area of Allegheny County, Pennsylvania (the Liberty Borough area) from nonattainment to attainment for the national ambient air quality standard (NAAQS) for particulate matter with an aerodynamic diameter less than or equal to a nominal 10 microns (PM₁₀). EPA is also approving a maintenance plan for the Liberty Borough area. This final rule is effective on 14 Oct 03. The complete document is available at:

<http://www.epa.gov/fedreg/EPA-AIR/2003/September/Day-11/a23265.htm> [Table of Contents](#)

Ozone Levels Below Average In 2003

Department of Environmental Protection (DEP) officials announced that ozone levels during the recently completed 2003 daily forecasting season, which ran from 1 May 03 to 12 Sep 03, were below average. According to DEP meteorologists, unusually cool and damp weather contributed to a low number of Ozone Action Days (OAD) this summer compared to last year. More information is available at:

<http://www.dep.state.pa.us/newsreleases/default.asp?ID=2592> [Table of Contents](#)

states tighten their wetlands regulations after the Supreme Court narrowed federal oversight in its landmark Solid

Waste Agency of Northern Cook County (SWANCC) decision. In its 10 Sep ruling, the U.S. Court of Appeals for the 4th Circuit said Virginia could adopt the federal definition of wetlands and interpret that definition more

broadly under state law than may be permissible under federal law. More information is available at:

<https://www.denix.osd.mil/denix/DOD/News/Pubs/EPA/19Sep03/03.doc.html> [Table of Contents](#)



WEST VIRGINIA



West Virginia Anti-Degradation Ruling May Shape State Plans

A federal court decision reversing portions of EPA's approval of a West Virginian plan to implement Clean Water Act mandates to prevent water quality erosion, called anti-degradation, could affect how other states undertake the requirements, and may require more stringent review of controversial "mountaintop mining" projects. Both industry lawyers and environmentalists call the split decision a key ruling on anti-degradation mandates that could shape how a slew of other states craft implementing plans and how EPA reviews them. Industry and environmentalists say they may appeal elements of the decision they disagree with. More information is available at:

<https://www.denix.osd.mil/denix/DOD/News/Pubs/PAL/17Sep03/25.doc.html> [Table of Contents](#)

Security Guide For Wastewater Plants

The University of West Virginia has published a guide to help wastewater systems identify potential threats and prioritize action to address them. **Protecting Your Community's Assets: A Guide for Small Wastewater Systems** is targeted for systems serving fewer than 10,000 people but may be useful to larger systems as well. Funded by the Environmental Protection Agency, the guide is an "asset-based tool". Assets include physical structures, such as the treatment plant and the collection system, as well as the staff, system records, and the system's customers. The guide is available by calling (800) 624-8301 or (304) 293-4191 and requesting product number TRBKMG03. The guide also is available at <http://www.netc.wvu.edu>. More information is available at:

<https://www.denix.osd.mil/denix/DOD/News/Pubs/DER/26Sep03/23.doc.html> [Table of Contents](#)

ECO TIP OF THE MONTH

Eliminating leaks increases your system's efficiency and can save you 10 percent on energy costs each year. Let's face it. You buy rolls of duct tape every year. When was

the last time you used it for its original purpose? For more information see EPA's **"Don't Forget Your Ducts" Fact Sheet** [Table of Contents](#)

CHESAPEAKE BAY PROGRAM

Isabel Packs A Strong Punch But No Knockout

On 18 Sep, Tropical Storm Isabel tracked northwest through the Chesapeake Bay watershed with significant precipitation falling in the James, Potomac and Susquehanna River watersheds. While millions of people felt Isabel's high winds and heavy rains, the storm also had an effect on the plants and animals that live in the Bay.

Watershed wide, precipitation was generally less than predicted. However, locally heavy rains diminished water quality by carrying large amounts of nutrients and sediment into rivers and streams that feed the Bay.

High storm surge combined with strong winds caused significant shoreline erosion in some areas of the Bay. Wave action carried sediments into the Bay and resuspended fine silt particles from the Bay's bottom. Anecdotal information shows that in some areas of the Middle Bay at least two inches of fine sediments were scoured from the bottom and carried away. Underwater bay grass, or SAV, may have been damaged by wave action

over their shallow water habitat. Additionally, grasses may have been covered by fine sediments restricting their ability to produce oxygen. Freshwater flow into the Bay may have reduced salinity levels and stressed species unable to move to more preferred habitat, such as oysters and clams.

Periods of locally heavy rains and power outages caused several wastewater treatment facilities to release untreated sewage into tributaries that flow into the Bay. As a result, Maryland and Virginia temporarily closed all shellfish beds to harvesting, as many oysters, mussels and clams may have absorbed bacteria from the contaminated water. Due to less than predicted precipitation, most river flows did not reach levels that scour sediments from behind large dams.

Tropical Storm Isabel could have been far worse for the Bay. By occurring in September - when the Bay is beginning to slow down and prepare for colder winter

months - long-term impacts may not be as great. Read more about Isabel at:

<http://www.chesapeakebay.net/isabel.htm> [Table of Contents](#)

CONTINUING EDUCATION

CONFERENCES

LT2ESWTR and Stage 2 DPBR Teleconference^{xx}

EPA will hold a public stakeholders teleconference on 16 Oct 03 to discuss the proposed drinking water regulations: The Long-Term 2 Enhanced Surface Water Treatment Rule (LT2ESWTR) and the Stage 2 Disinfectants and Disinfection Byproducts Rule (DBPR). EPA is developing these regulations to increase protection against risks associated with microbial pathogens and disinfection byproducts (DBPs) in drinking water. If you have questions, contact Dan Schmelling, Office of Ground Water and Drinking Water, EPA, Washington, DC, at (202) 564-5281 or schmelling.dan@epa.gov. More information is available at:

<http://a257.g.akamaitech.net/7/257/2422/14mar20010800/e-docket.access.gpo.gov/2003/pdf/03-24121.pdf>

Invasive Species Advisory Committee Meeting, 29 OCT 03, Washington, DC^{xxi}

The Invasive Species Advisory Committee (ISAC) will meet on 29 Oct 03 in Washington, DC. The committee will discuss implementation of action items outlined in the National Invasive Species Management Plan. A joint meeting of the ISAC and the National Invasive Species Council will also be held during the ISAC meeting. If you have questions, contact: Kelsey Passe, National Invasive Species Council Program Analyst, (202) 513-7243. More information is available at:

<http://a257.g.akamaitech.net/7/257/2422/14mar20010800/e-docket.access.gpo.gov/2003/pdf/03-24333.pdf>

Emergency Preparedness And Prevention Conference, 16-19 NOV 03, Norfolk, VA

The U.S. EPA Region III Emergency Preparedness and Prevention Conference is 16-19 Nov 2003 in Norfolk, VA. For more information, go to: www.2003conference.org or call the Conference hotline at (800) 364-7974.

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DoD Technical Symposium And Workshop, 2-4 DEC 03, Washington D.C.

The Strategic Environmental Research and Development Program (SERDP) and the Environmental Security

Technology Certification Program (ESTCP) are hosting a DoD Symposium and Workshop. The Symposium and Workshop will be held 2-4 Dec 03 at the Marriot Wardman Park Hotel in Washington D.C. The theme of the program is "*Meeting DoD's Environmental Challenges: Sustaining Our Ranges; Reducing Environmental Liabilities.*" For reservations, call (800) 228-9290. For more information, email partners@hgl.com or call the contact line at: (703) 736-4548. [Table of Contents](#)

Conference on Sustainable Range Management, 5-8 JAN 04, New Orleans, LA

Battelle is organizing the conference to provide a venue for exchange of information benefiting all stakeholders involved with range management issues. The conference will be at the Astor Crown Plaza, Alexa Hotel 5-8 Jan 04 in New Orleans, LA. The technical programs will involve urban growth and encroachment, management of airspace, noise abatement, air quality management, threatened and endangered species habitat protection, military munitions response program, and cleanup of munitions and explosives of concern. For further information, visit the conference website at:

www.battelle.org/rangecon [Table of Contents](#)

30th Environmental And Energy Symposium & Exhibition, 5-8 APR 04, San Diego, CA

The National Defense Industrial Association presents the 30th Environmental and Energy Symposium & Exhibition. The theme of this year's symposium is "DoD Transformation Leading Towards Results-Based Environmental And Energy Programs." The Manchester Grand Hyatt San Diego is the headquarter hotel for the symposium. For reservations, call (619) 232-1234. For more information on how your organization can increase it's exposure at this event, please contact [Sam Campagna](#) at (703) 247-2544. [Table of Contents](#)

TRAINING

Introductory Health Risk Communication Workshop, 17-19 FEB 04, 15-17 JUN 04, Washington D.C, Edgewood, MD.

Hosted by USACHPPM, the workshop will provide the participant with a basic understanding of concepts, principles, and process of effective risk communication, including building strategic stakeholder relationships that provide the framework for discussion of complex risk issues. For further information, contact Kita Perry, (410) 436-3515, e-mail: suaquita.perry@apg.amedd.army.mil, or visit the website at:

<http://chppm-www.apgea.army.mil/risk/>[Table of Contents](#)

UXO Basic Training, 28-29 OCT 03, Austin TX

The Interstate Technology and Regulatory Council (ITRC), EPA, and the Texas Commission on Environmental Quality are co-sponsoring a training course. The training is a two-day, entry-level course designed to provide a solid overview of key environmental issues associated with ordnance and explosives cleanup. Program participants will be introduced to basic terminology, munitions identification, safety concerns, regulatory requirements, conventional and innovative technology, site investigation, and site remediation. Attendees will receive a course handbook including overheads and references used during the training. To register or to get further information, visit the ITRC website at: www.itrcweb.org.

Organizational Guide to Pollution Prevention Workshop 4-6 NOV 03, 9-11 DEC 03, Boston, MA, Dallas, TX, Philadelphia, PA

A new EPA publication, "An Organizational Guide to Pollution Prevention," (EPA/625/R-01/003) is featured in a 3-day workshop. Class information and free registration at: <http://www.epa.gov/ttnrmrl/p2workshop.htm>

The document and an accompanying CD are also available for free at:

<http://oaspub.epa.gov/pls/ceripubs/ceripubs.PUB?pubid=155> and

<http://oaspub.epa.gov/pls/ceripubs/ceripubs.PUB?pubid=156>

For more information, go to:

<http://www.epa.gov/ttnrmrl/p2workshop.htm>

Qualified Recycling Program Course Multiple Dates/Multiple Locations

The course provides hands-on training on how to identify and market recyclable materials. The course is for any person or organization that generates recyclable materials, is associated with an installation recycling program or DoD precious-metals recovery program, or works for a Defense Reutilization and Marketing Office (DRMO). For further information, visit the Environmental Management Department's course information website at:

<http://www.almc.army.mil/EMD/Page5.html>

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EPA Regions 1, 2, 3, & 5 Training Courses Multiple Dates/Multiple Locations

EPA Regions 1, 2, 3, & 5 continually offer training on a variety of subjects. For further information regarding the types of courses, dates, and locations, visit EPA's training exchange website at: www.trainex.org [Table of Contents](#)

FY04 Capital Hill Workshop, Washington DC

A 4-day workshop is being held in Washington DC. The workshop is Navy specific. It focuses on the current status and insider analysis of legislative issues of most interest and importance to officials of the Department of the Navy. The workshop, made possible by the Government Affairs Institute, is on multiple dates with a tuition cost of \$800. Dates, deadlines and details are available at

<http://www.georgetown.edu/ssce/gai> [Table of Contents](#)

MEET THE REC

STAFF

<p>Christine H. Porter Head, Regional Environmental Coordinator (REC) Office chporter@cmr.navy.mil (757) 445-9984 DSN 565-9984</p> <p>LCDR Dominick G. Yacono REC Counsel dyacono@cmr.navy.mil (757) 322-3057 DSN 262-3057</p> <p>Will S. Bullard Water/Wastewater, VA/PA/WV Issues and Installations wbullard@cmr.navy.mil (757) 444-5153 DSN 564-5153</p>	<p>Gary M. Koerber, P.E. Air/HW/SW, MD/DC/DE Issues and Installations gkoerber@cmr.navy.mil (757) 444-5155 DSN 564-5155</p> <p>Glenn P. Markwith DoD Chesapeake Bay Program gmarkwith@cmr.navy.mil (757) 444-5152 DSN 564-5152</p> <p>Gene W. Beale Legislative Assistant gbeale@cmr.navy.mil (757) 445-9982 DSN 565-9982</p>
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For old issues go to Denix or www.cnrma.navy.mil/rec.

ⁱ <https://www.denix.osd.mil/denix/DOD/News/Pubs/DER/30Sep03/34.doc.html>

ⁱⁱ Weekly Federal Register Summary, Week Of 8/31/2003, Prepared By Naval Facilities Engineering Service Center

ⁱⁱⁱ Weekly Federal Register Summary, Week Of 8/31/2003, Prepared By Naval Facilities Engineering Service Center

^{iv} Weekly Federal Register Summary, Week Of 8/31/2003, Prepared By Naval Facilities Engineering Service Center

^v Weekly Federal Register Summary, Week Of 8/31/2003, Prepared By Naval Facilities Engineering Service Center

^{vi} Weekly Federal Register Summary, Week Of 8/31/2003, Prepared By Naval Facilities Engineering Service Center

^{vii} <https://www.denix.osd.mil/denix/DOD/News/Pubs/DER/19Sep03/24.doc.html>

^{viii} Weekly Federal Register Summary, Week Of 8/31/2003, Prepared By Naval Facilities Engineering Service Center

^{ix} Weekly Federal Register Summary, Week Of 9/14/2003, Prepared By Naval Facilities Engineering Service Center

^x Weekly Federal Register Summary, Week Of 9/07/2003, Prepared By Naval Facilities Engineering Service Center

^{xi} <https://www.denix.osd.mil/denix/DOD/News/Pubs/DER/09Sep03/32.doc.html>

^{xii} Weekly Federal Register Summary, Week Of 9/21/2003, Prepared By Naval Facilities Engineering Service Center

^{xiii} Weekly Federal Register Summary, Week Of 9/07/2003, Prepared By Naval Facilities Engineering Service Center

^{xiv} Weekly Federal Register Summary, Week Of 9/21/2003, Prepared By Naval Facilities Engineering Service Center

^{xv} <https://www.denix.osd.mil/denix/DOD/News/Pubs/DER/18Sep03/28.doc.html>

^{xvi} Weekly Federal Register Summary, Week Of 9/07/2003, Prepared By Naval Facilities Engineering Service Center

^{xvii} Weekly Federal Register Summary, Week Of 9/07/2003, Prepared By Naval Facilities Engineering Service Center

^{xviii} Weekly Federal Register Summary, Week Of 8/31/2003, Prepared By Naval Facilities Engineering Service Center

^{xix} http://www.epa.gov/region03/ebytes/ebytes09_19_03.html

^{xx} Weekly Federal Register Summary, Week Of 9/21/2003, Prepared By Naval Facilities Engineering Service Center

^{xxi} Weekly Federal Register Summary, Week Of 9/21/2003, Prepared By Naval Facilities Engineering Service Center